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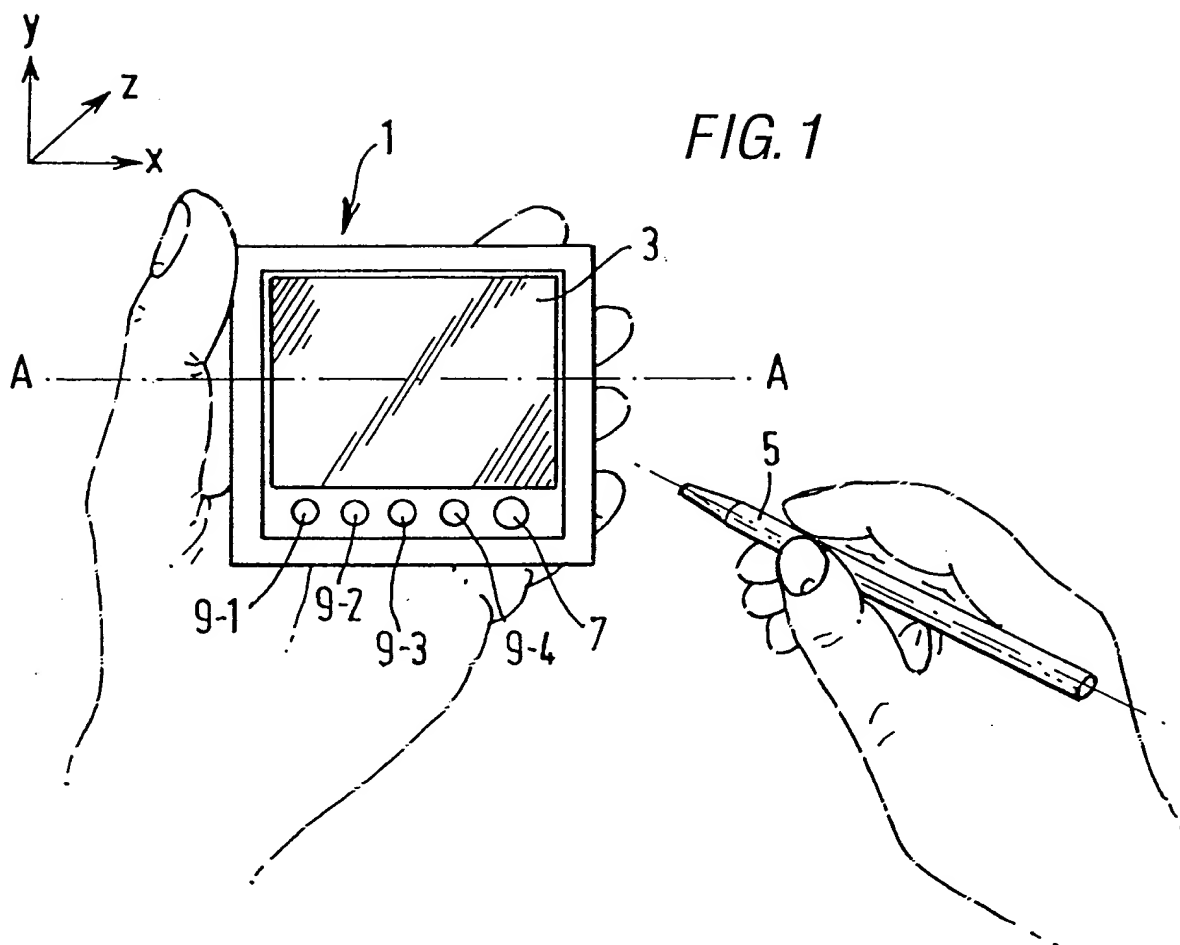


FIG. 2

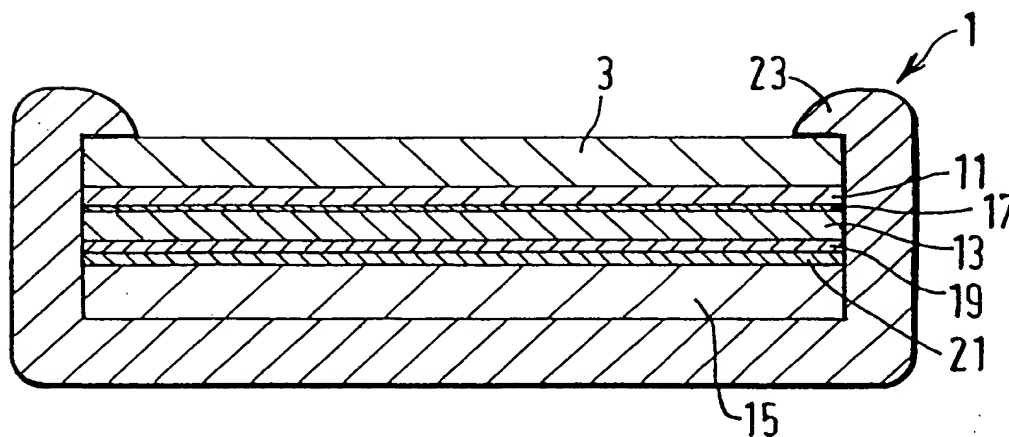
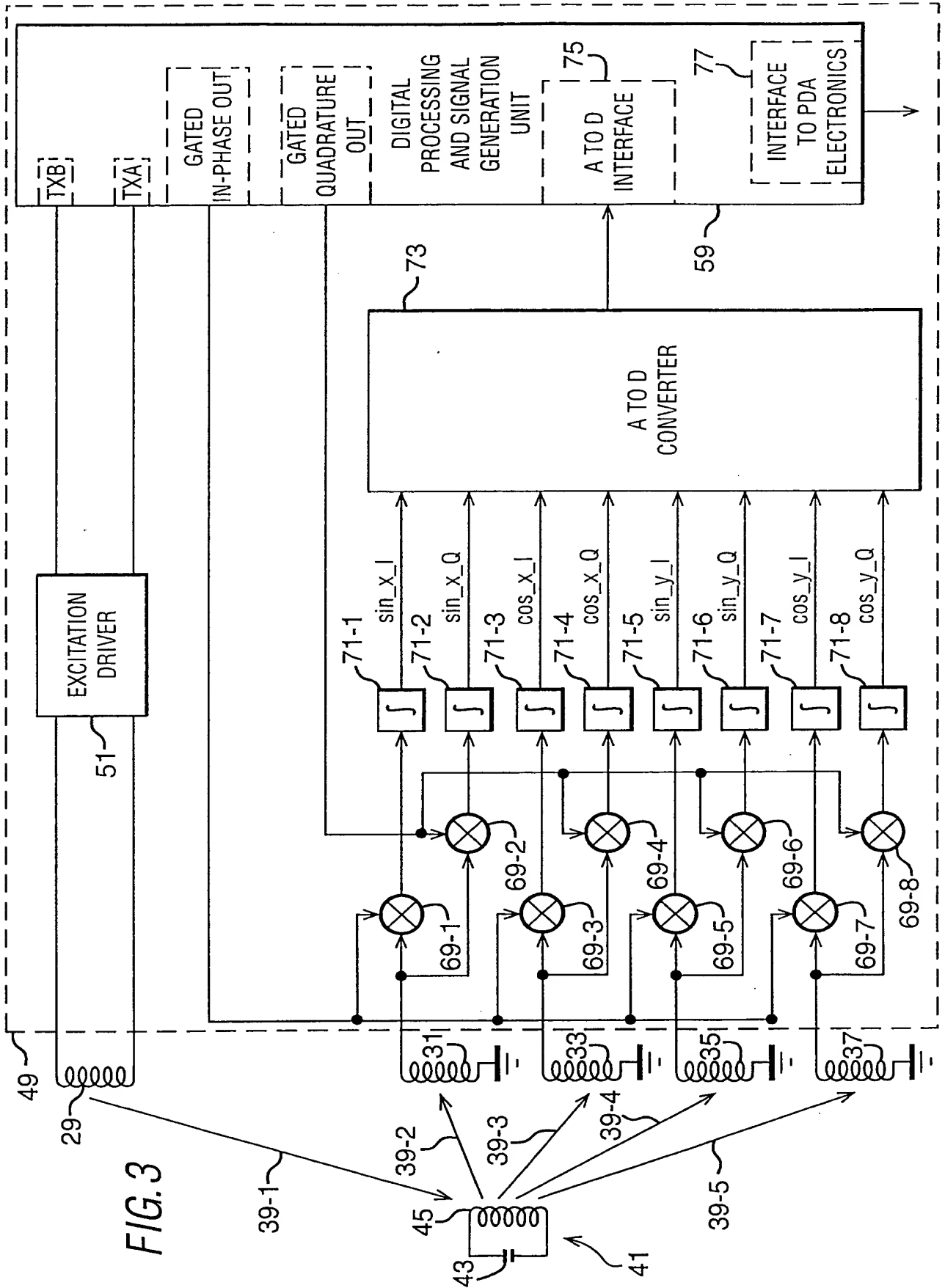


FIG. 3



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FIG. 4a

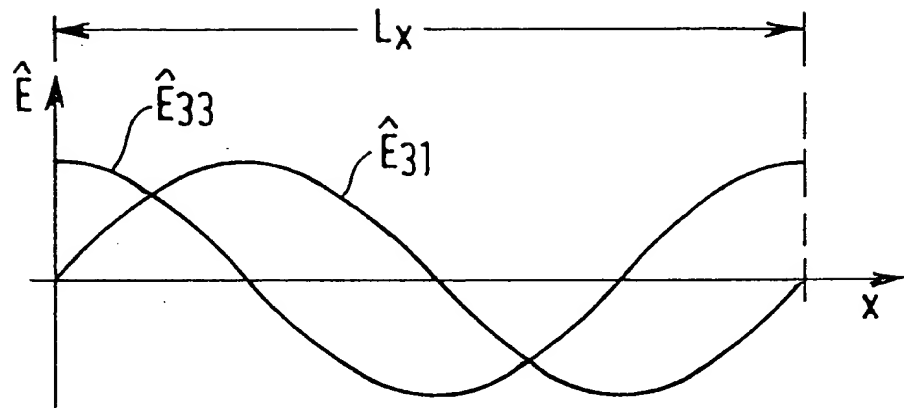
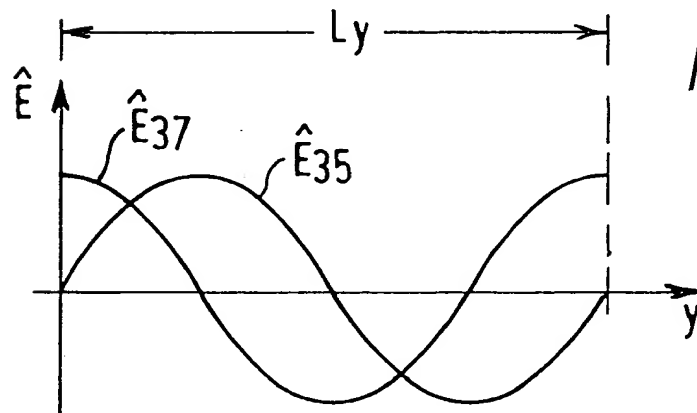
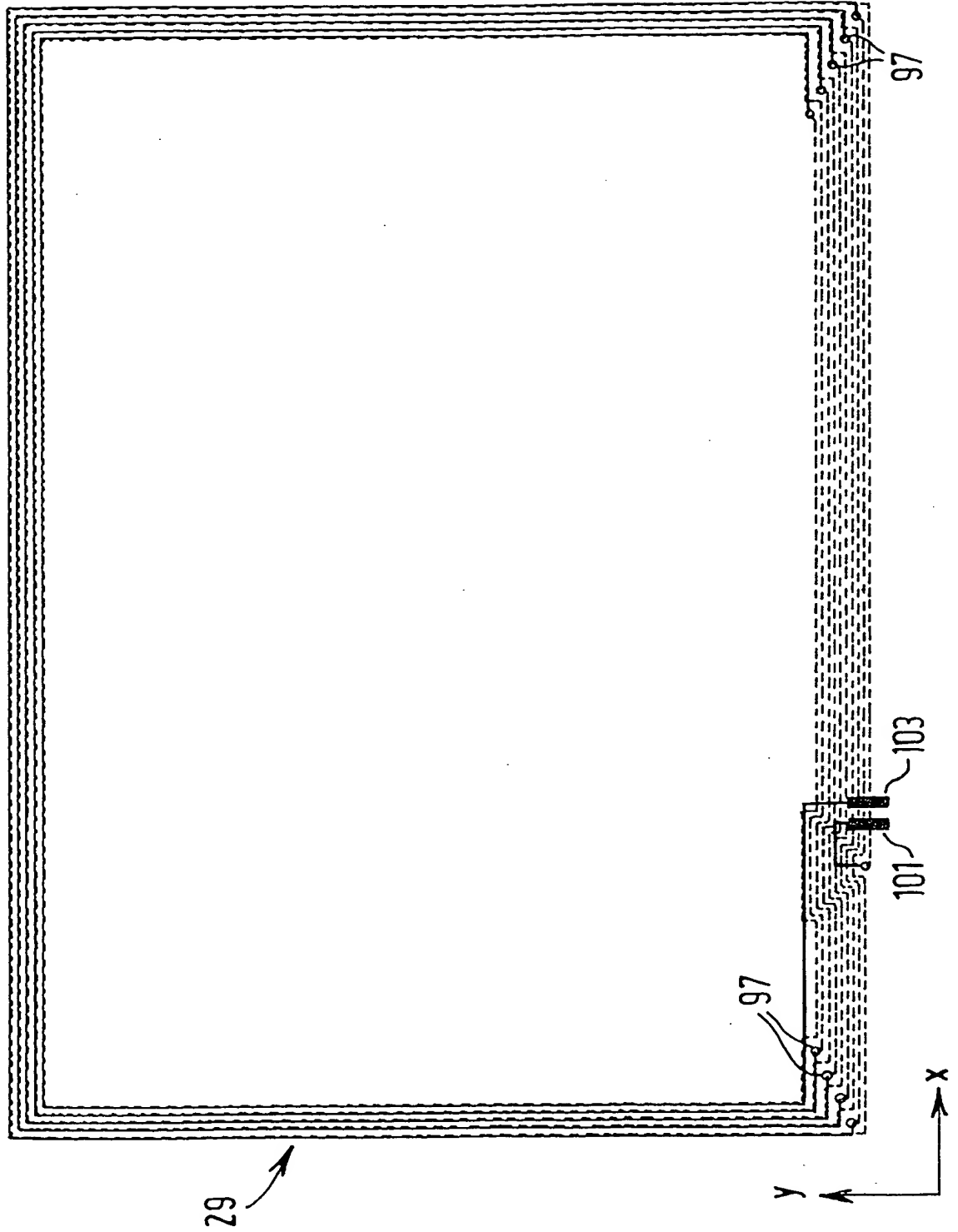


FIG. 4b

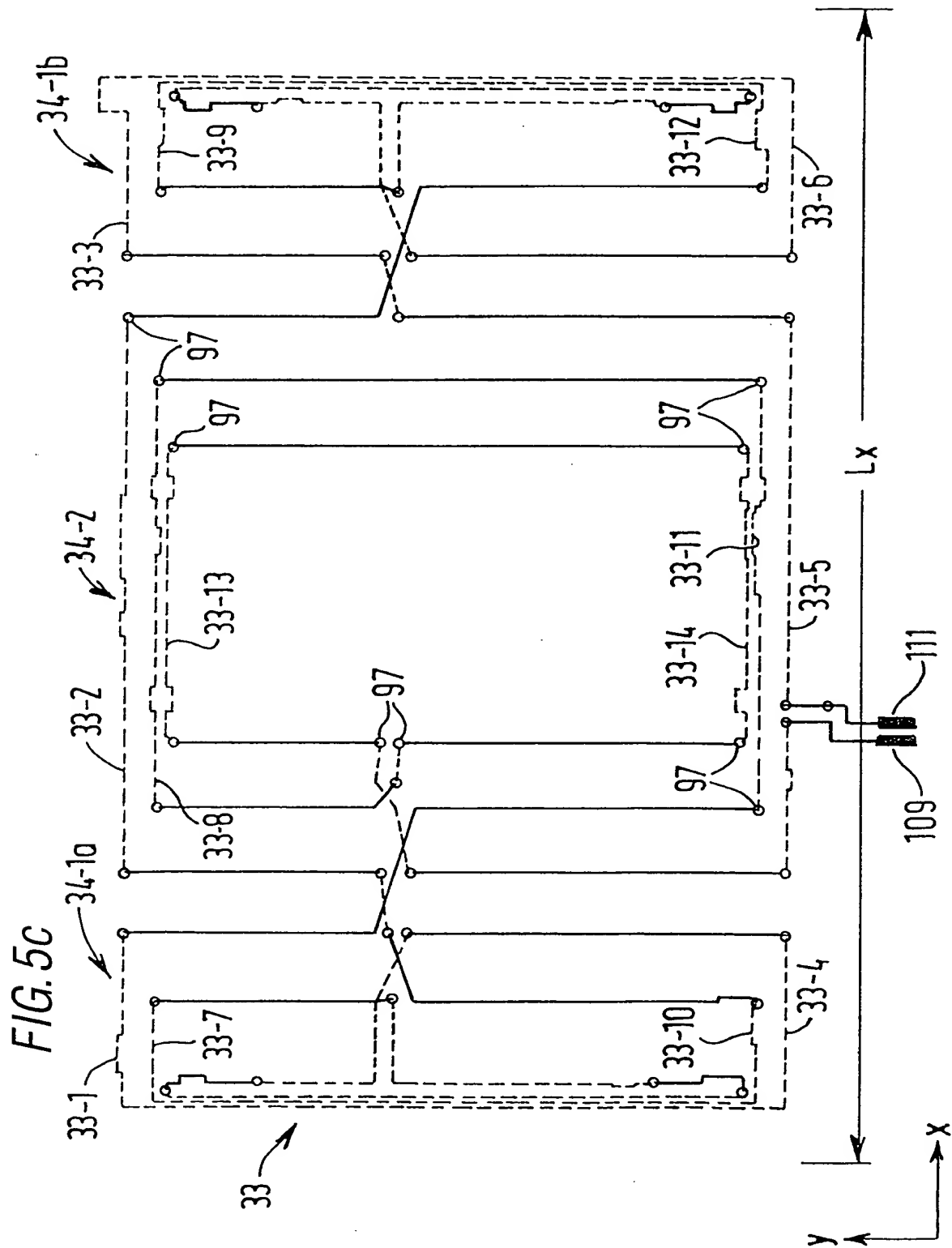


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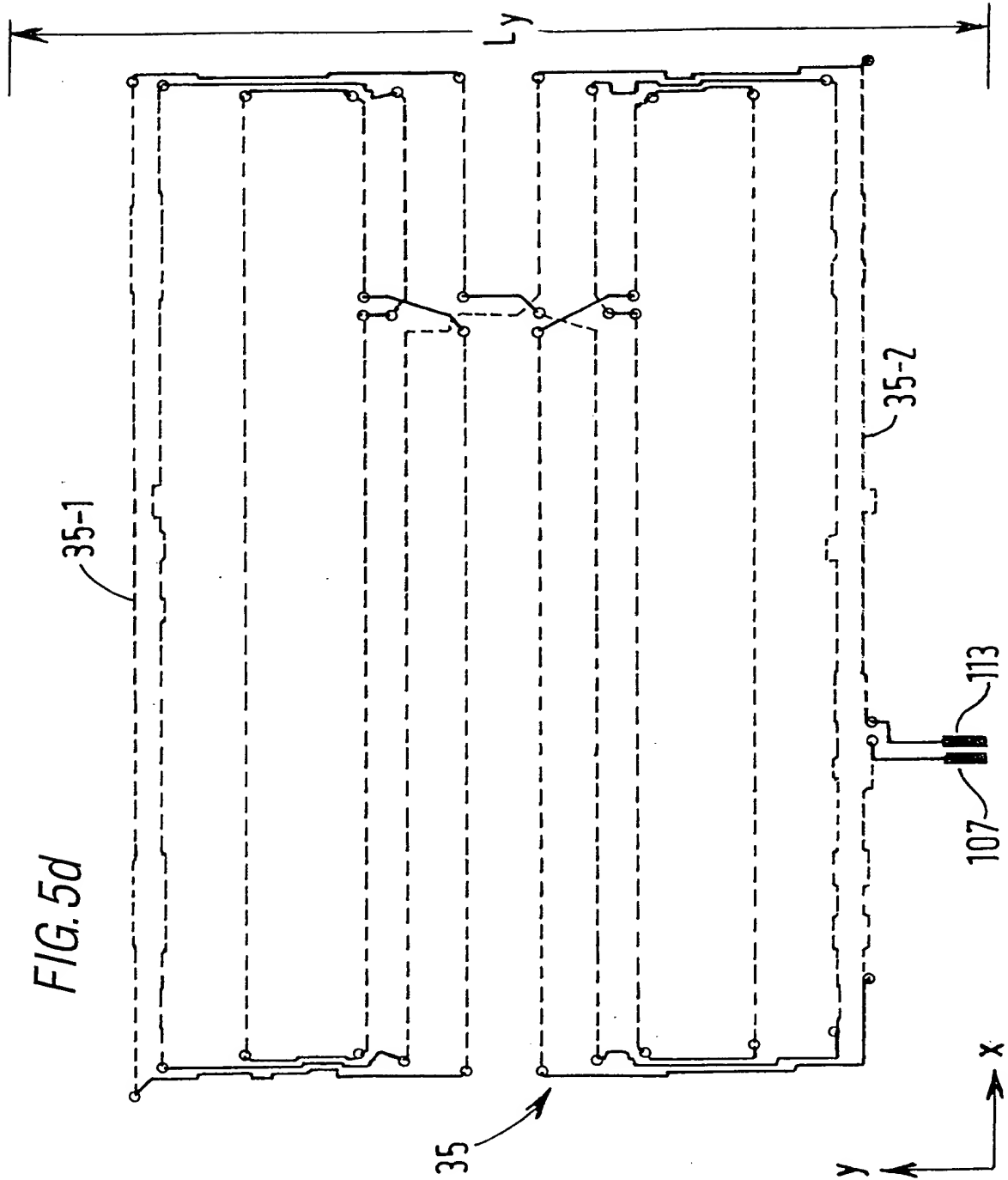
FIG. 5a



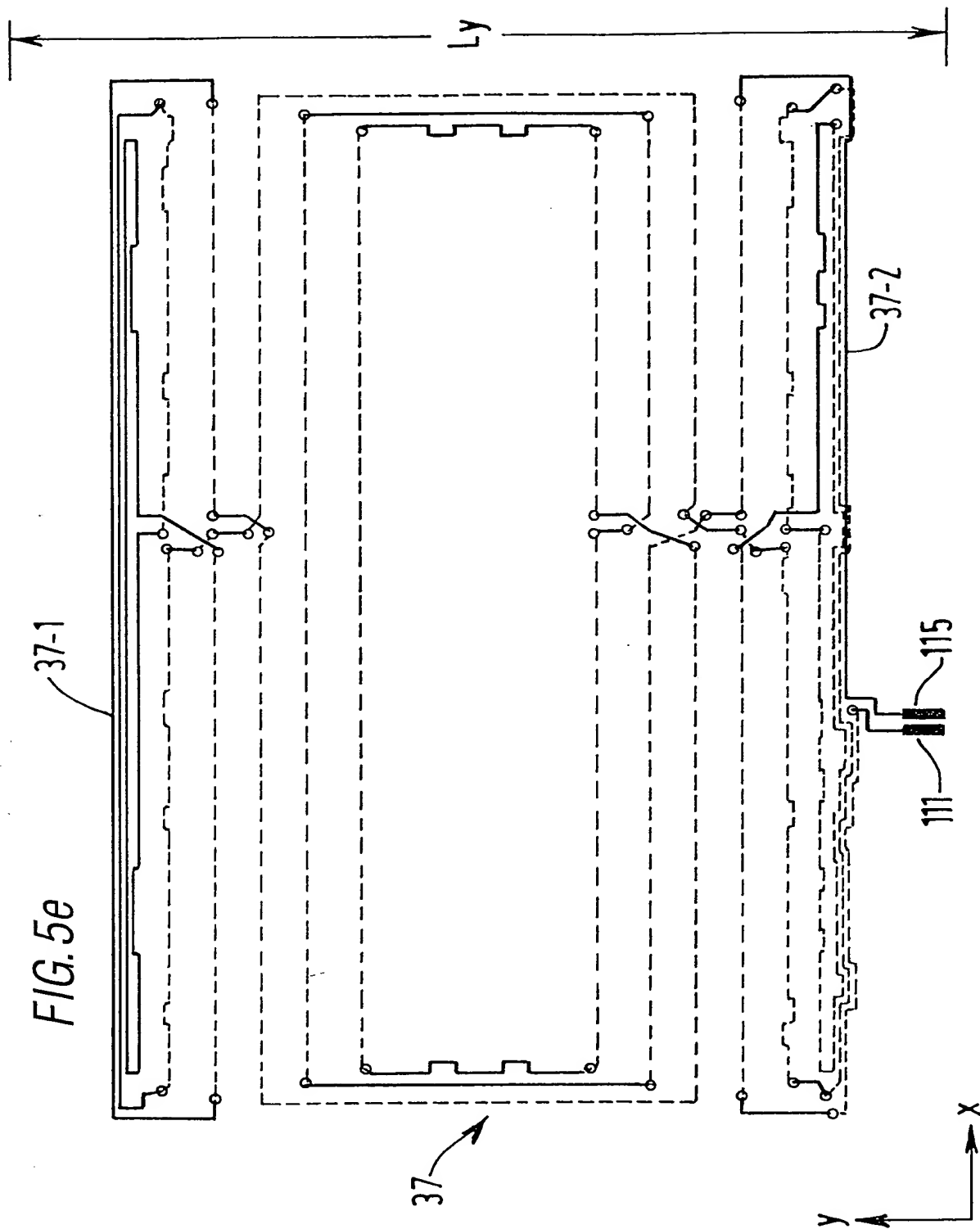




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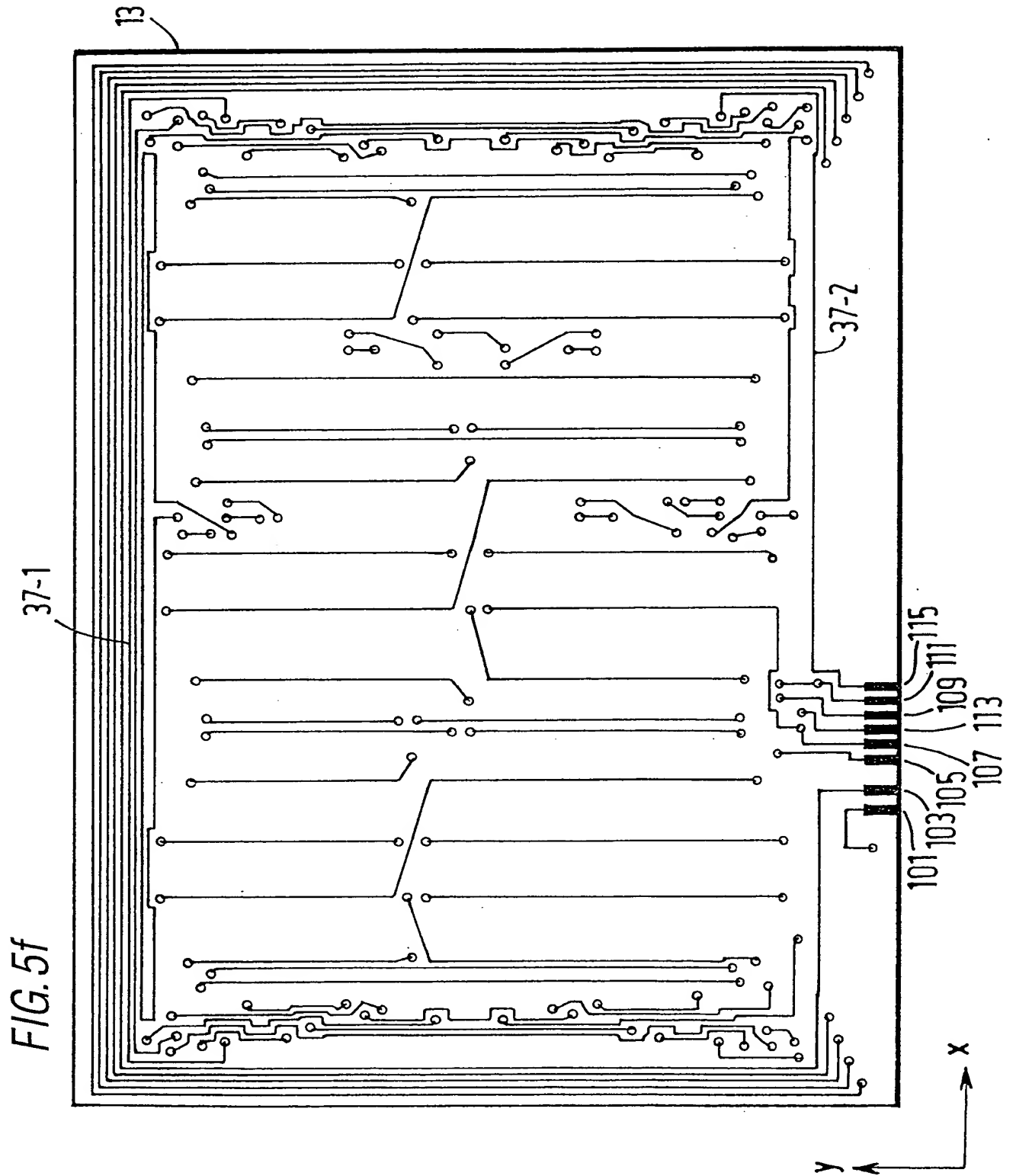


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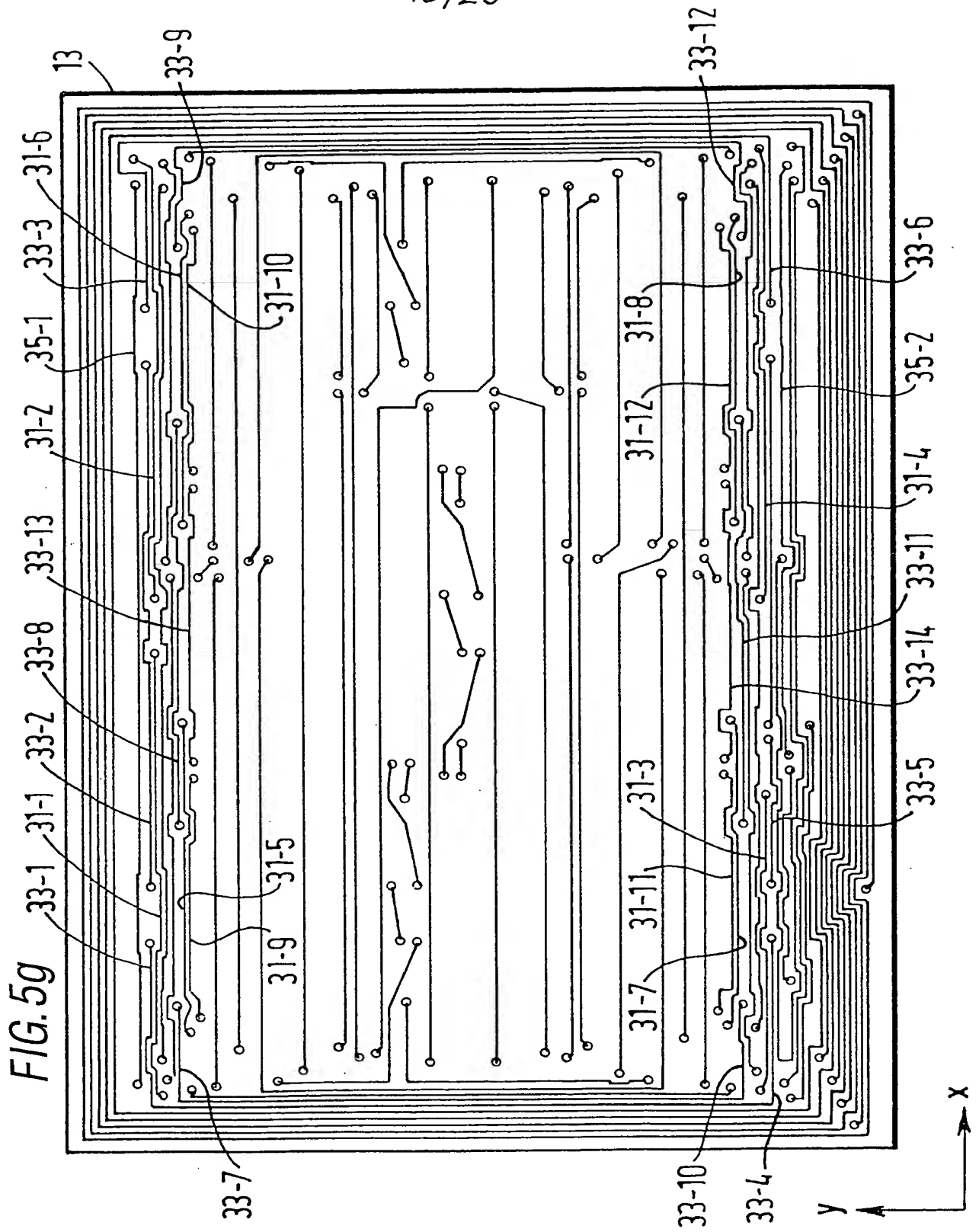




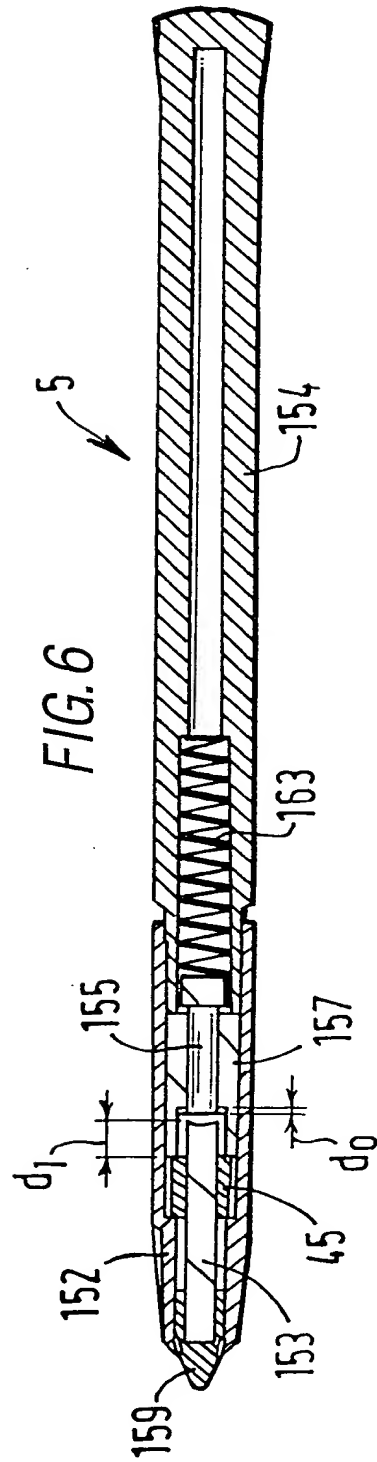
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FIG. 7

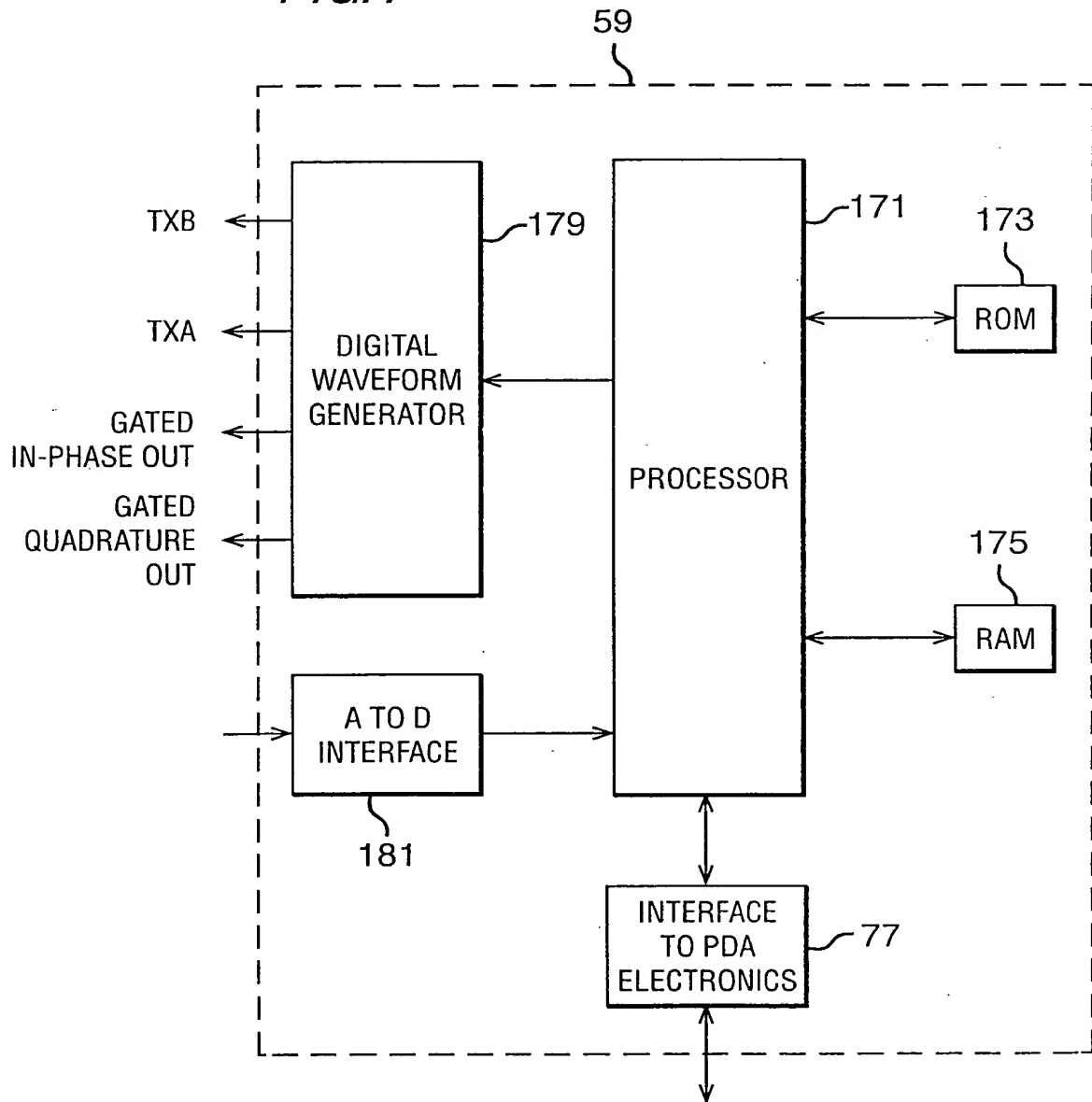
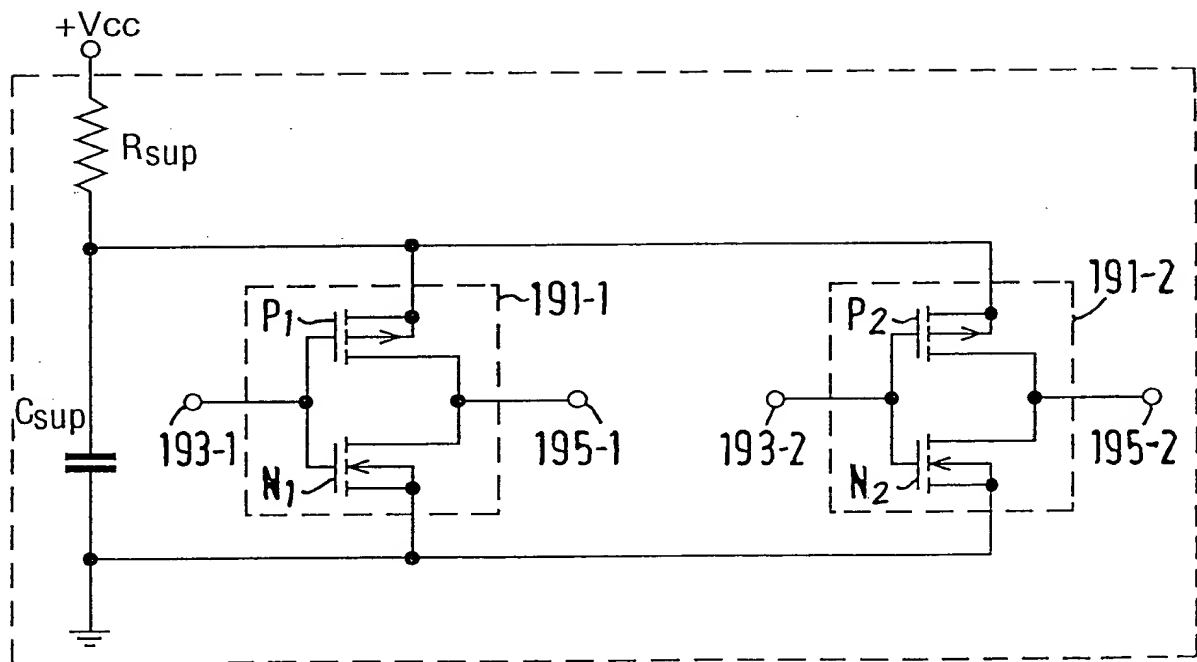


FIG. 8



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EXCITATION  
VOLTAGE

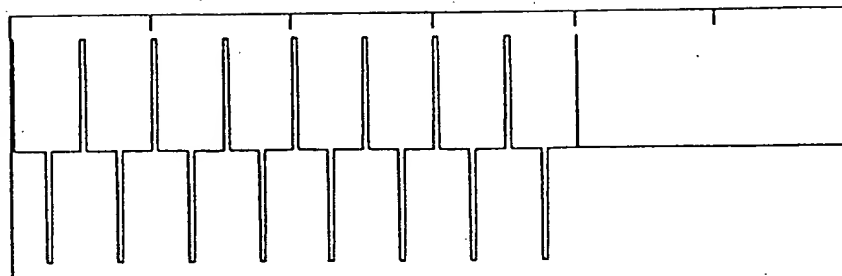


FIG. 9a

EXCITATION  
CURRENT

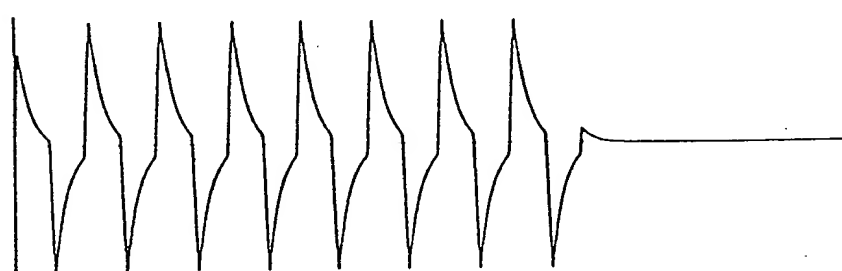


FIG. 9b

SUPPLY  
CURRENT

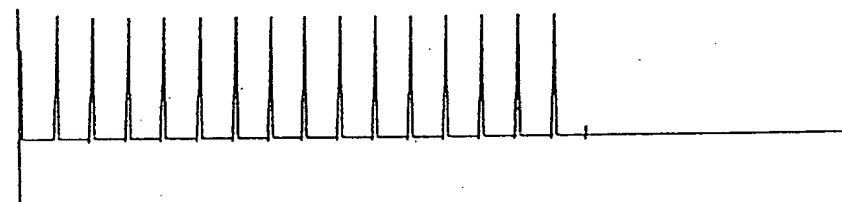


FIG. 9c

INDUCED  
EMF

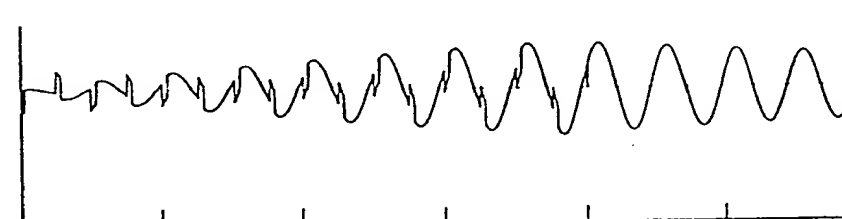


FIG. 9d

0 20 40 60 80 100

TIME (μs)

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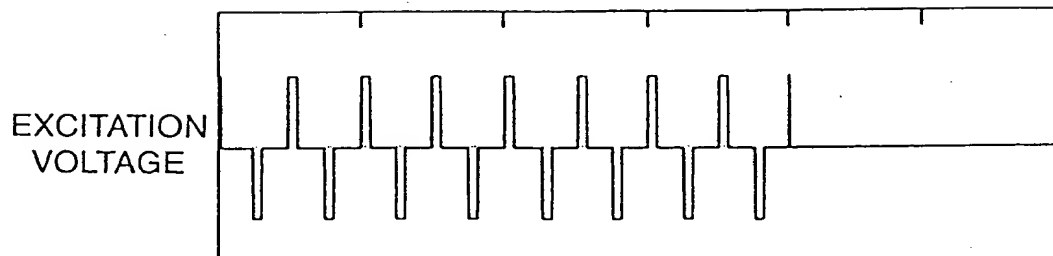


FIG. 10a

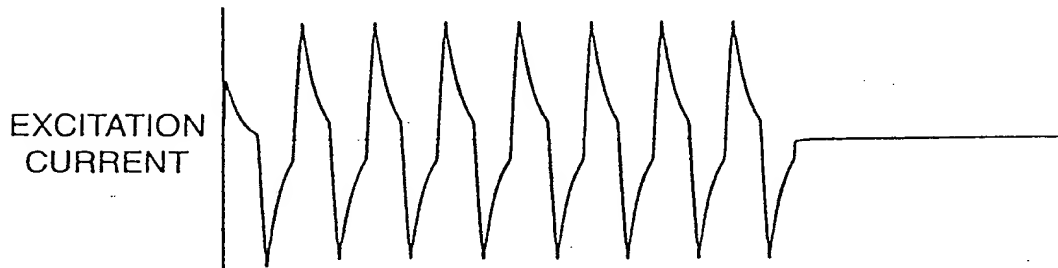


FIG. 10b

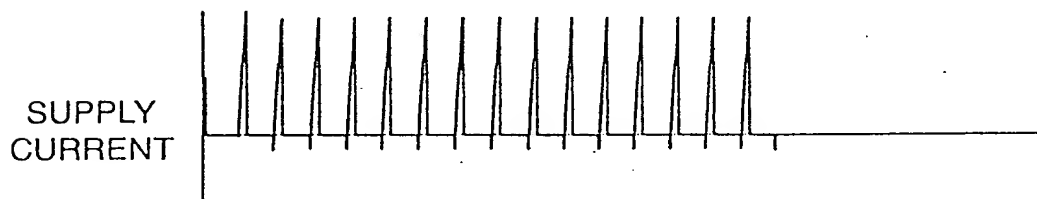


FIG. 10c

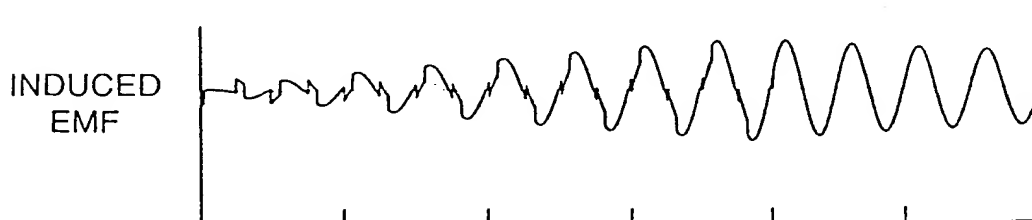
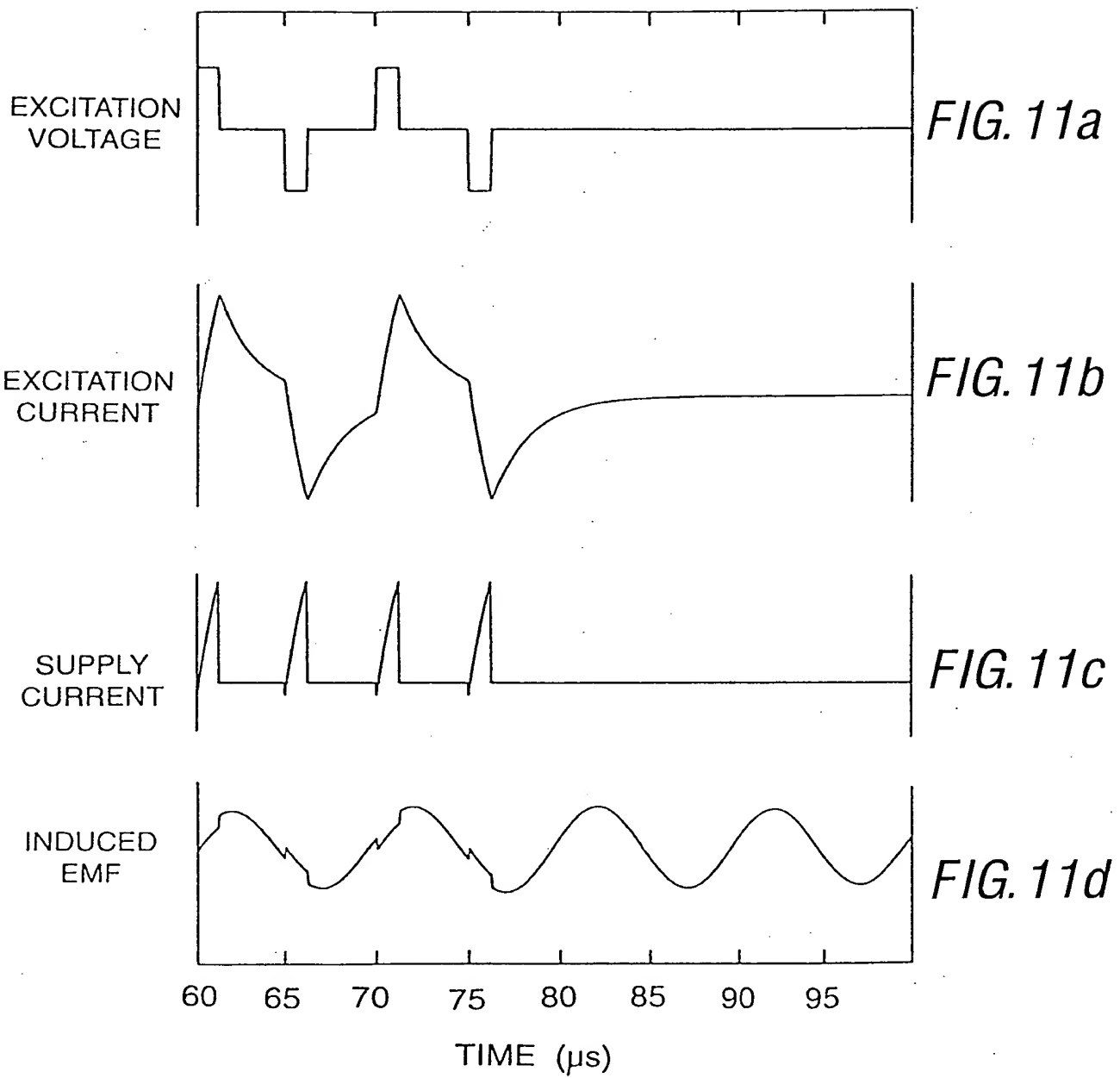


FIG. 10d

0 20 40 60 80 100

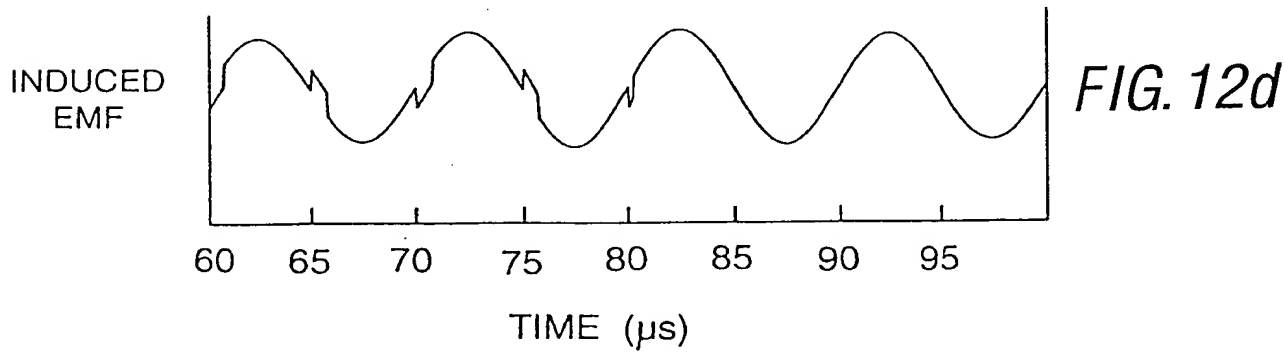
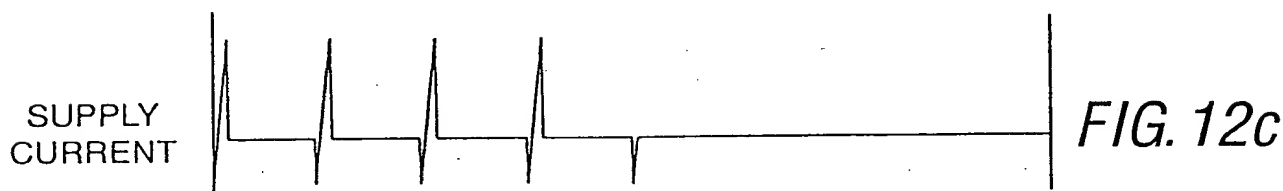
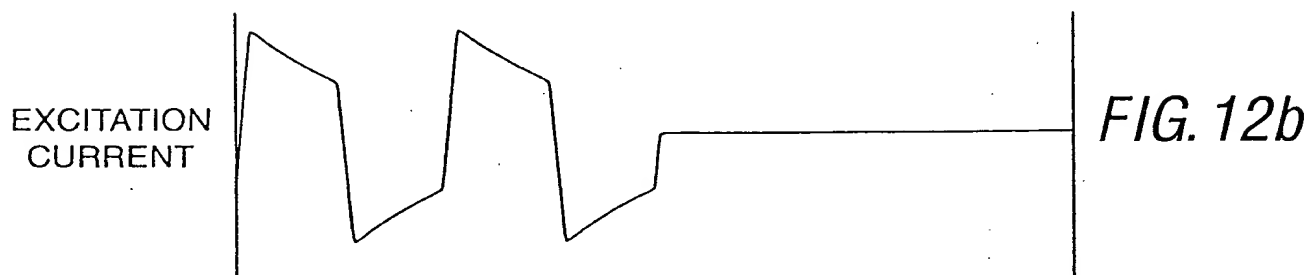
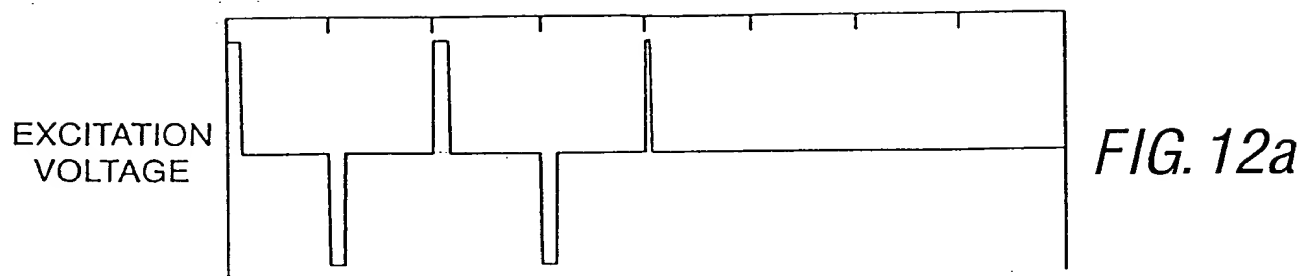
TIME ( $\mu\text{s}$ )

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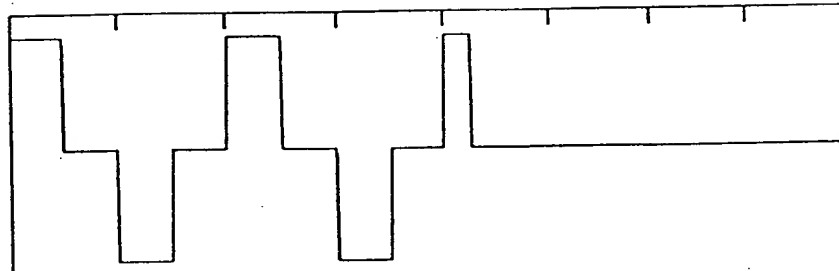


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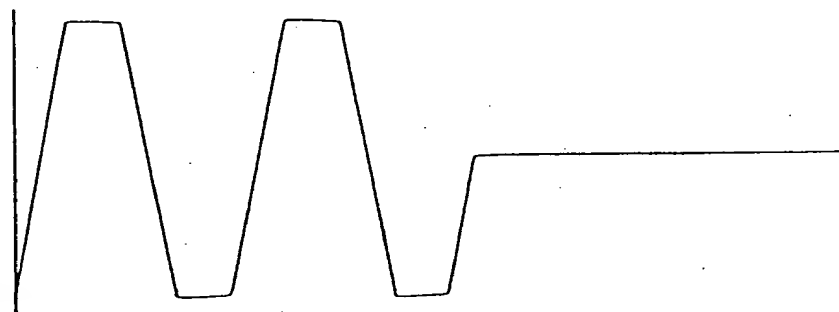


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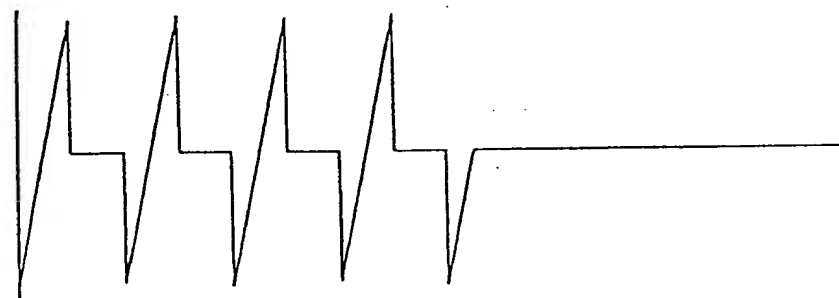
EXCITATION  
VOLTAGE



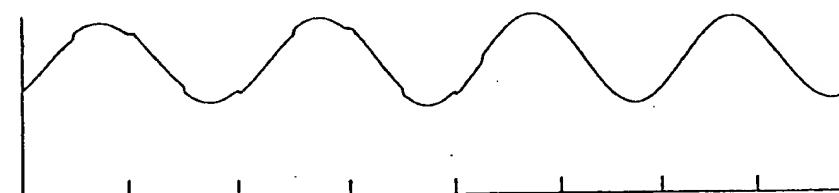
EXCITATION  
CURRENT



SUPPLY  
CURRENT



INDUCED  
EMF



60 65 70 75 80 85 90 95  
TIME ( $\mu$ s)

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EXCITATION  
VOLTAGE

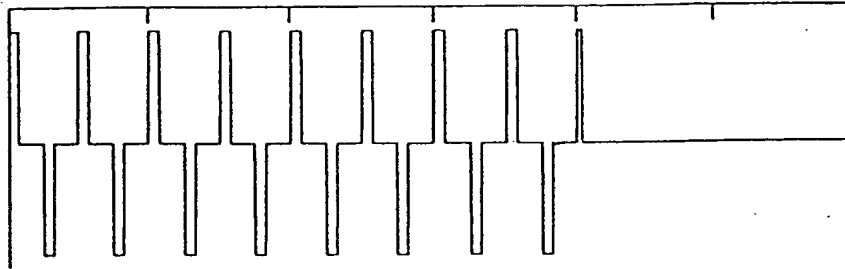


FIG. 14a

EXCITATION  
CURRENT

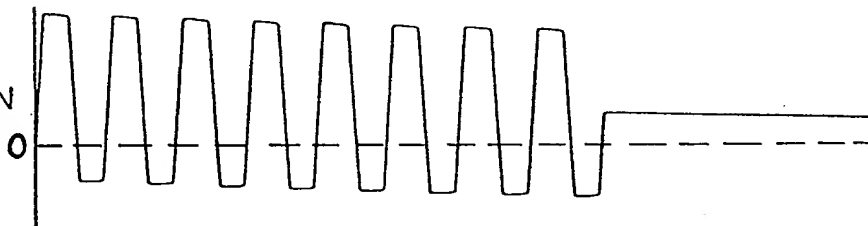


FIG. 14b

SUPPLY  
CURRENT

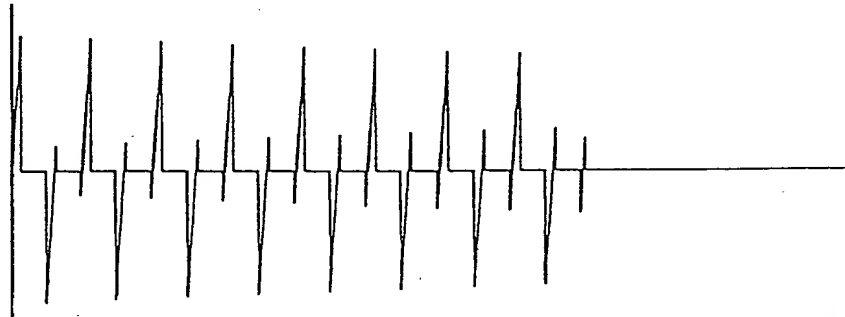


FIG. 14c

INDUCED  
EMF

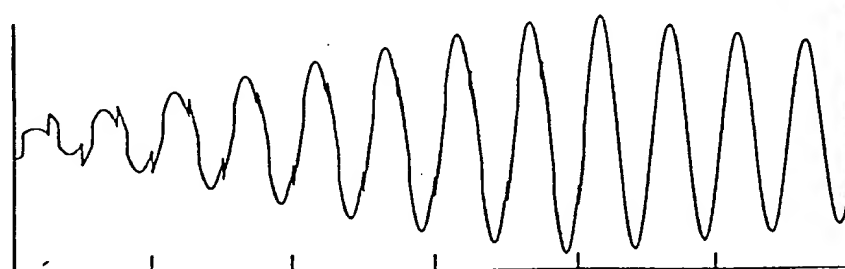


FIG. 14d

0 20 40 60 80 100

TIME ( $\mu$ s)

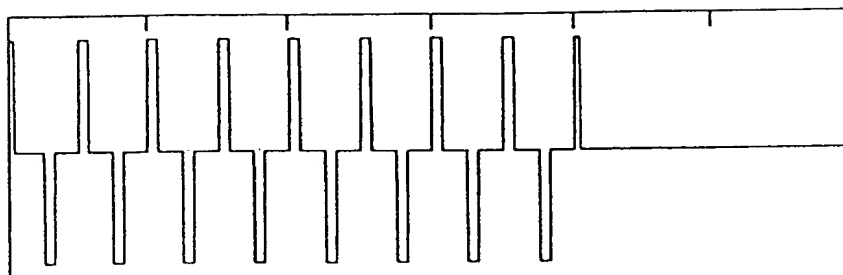
EXCITATION  
VOLTAGE

FIG. 15a

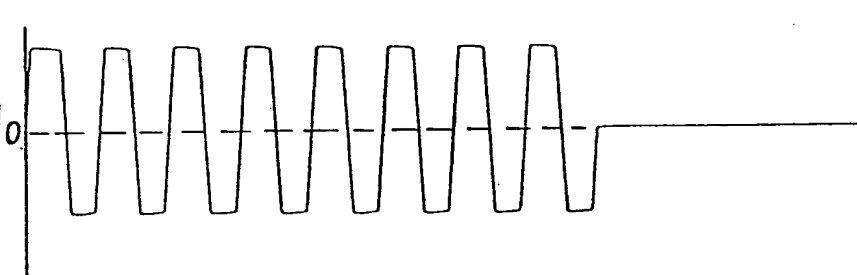
EXCITATION  
CURRENT

FIG. 15b

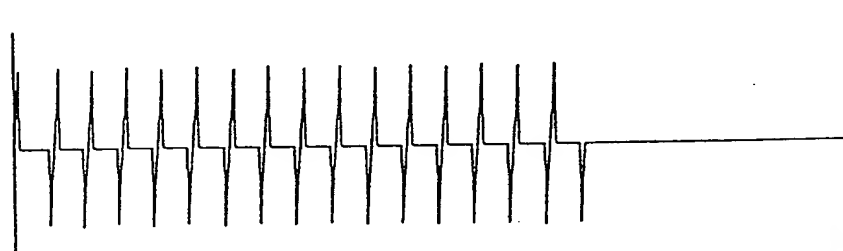
SUPPLY  
CURRENT

FIG. 15c

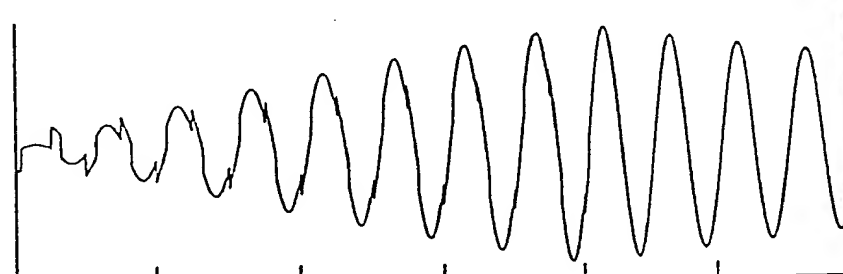
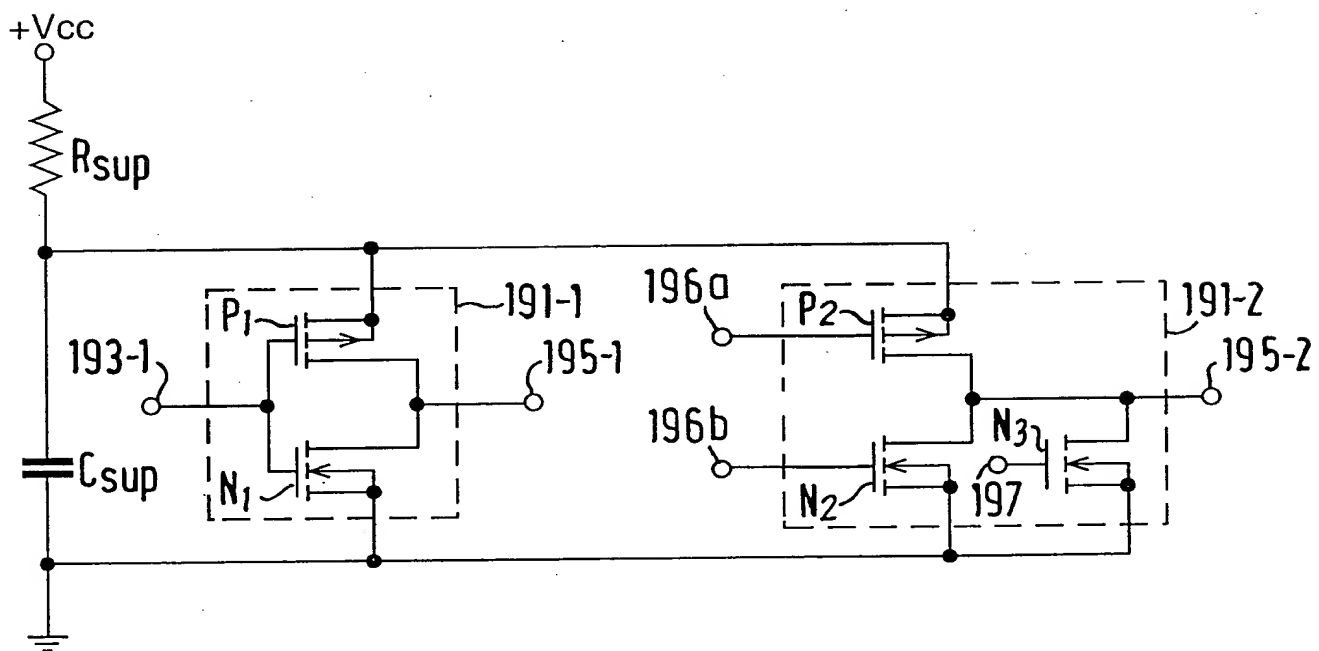
INDUCED  
EMF

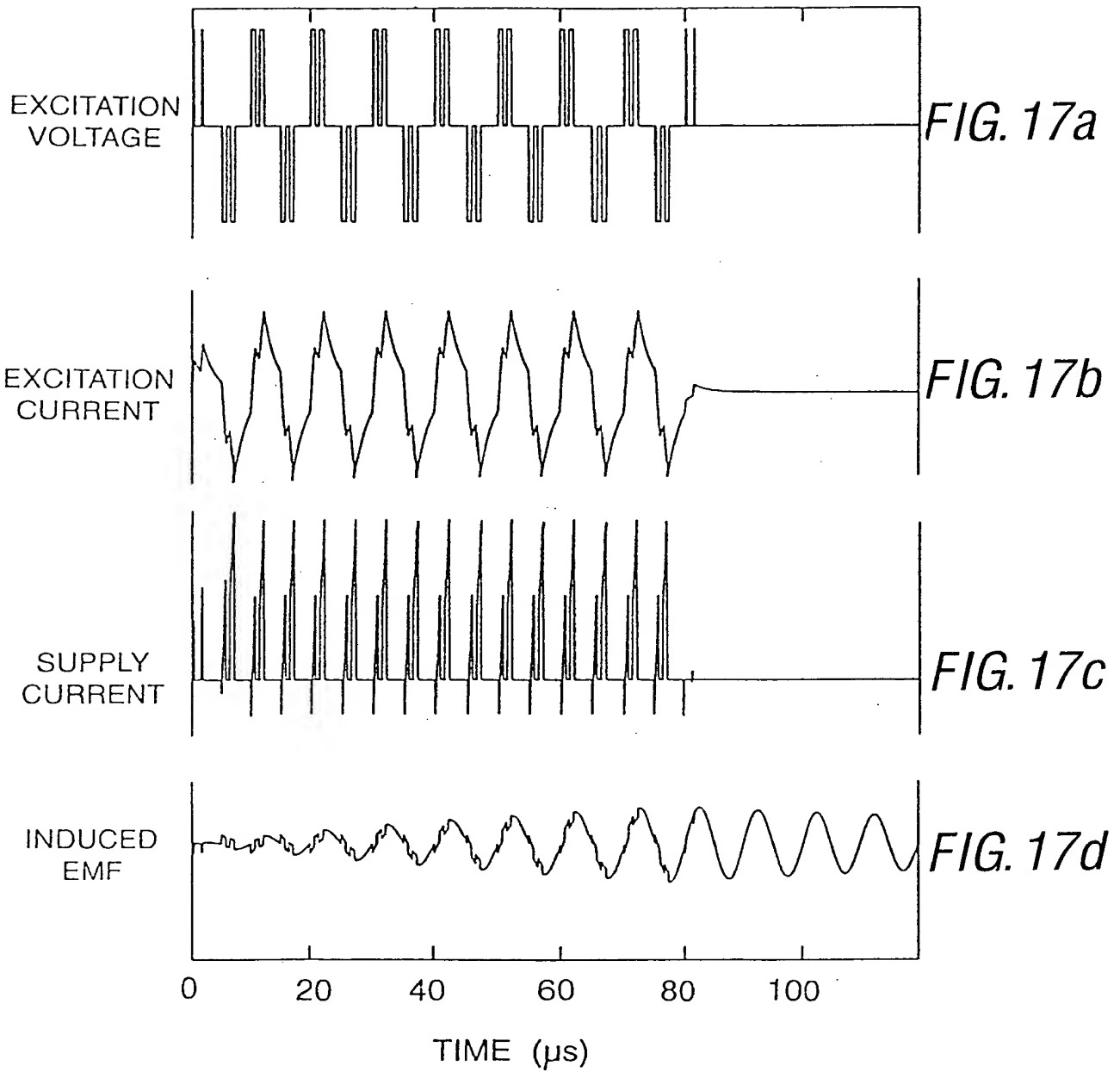
FIG. 15d

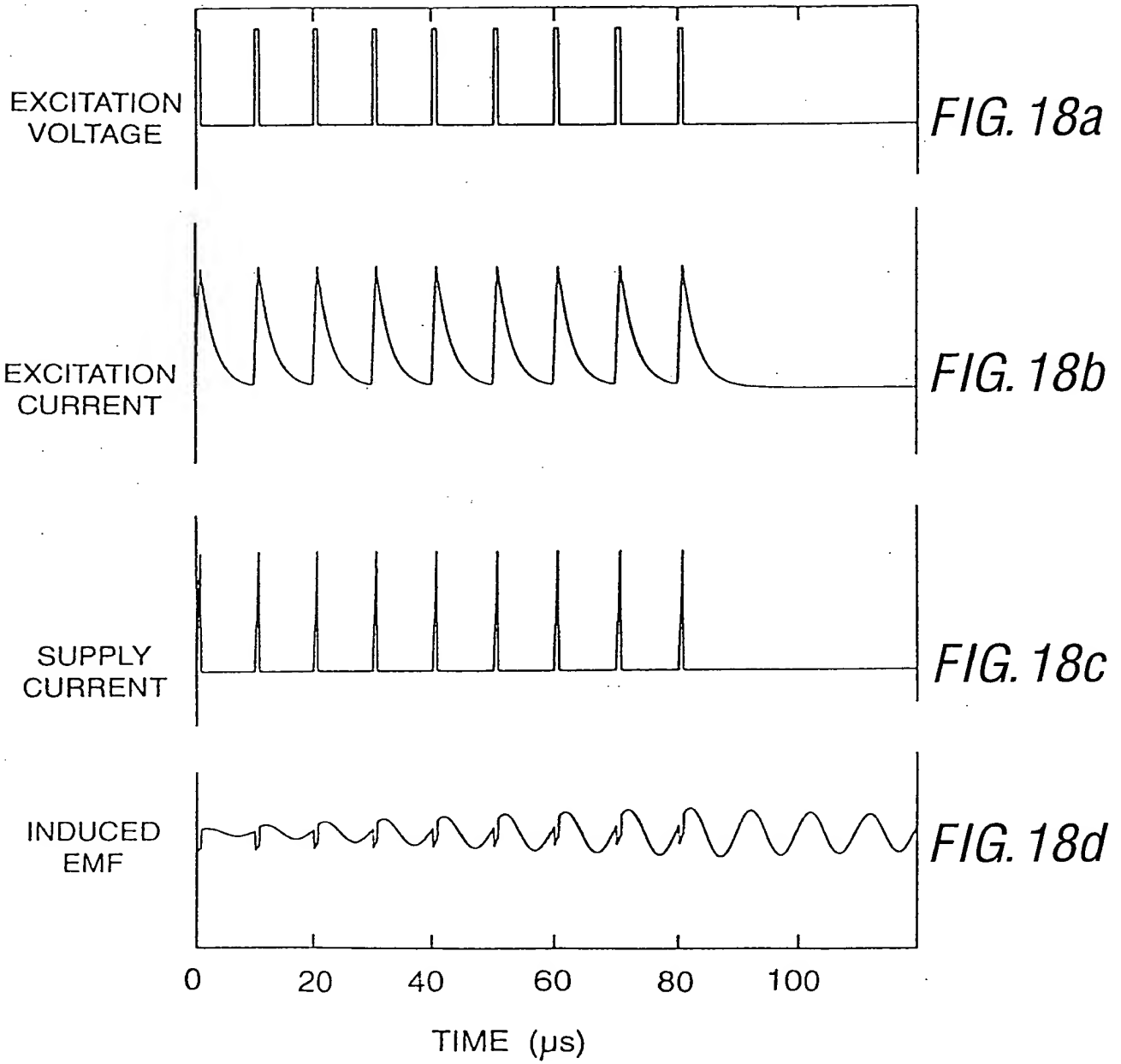
0 20 40 60 80 100

TIME ( $\mu$ s)

)







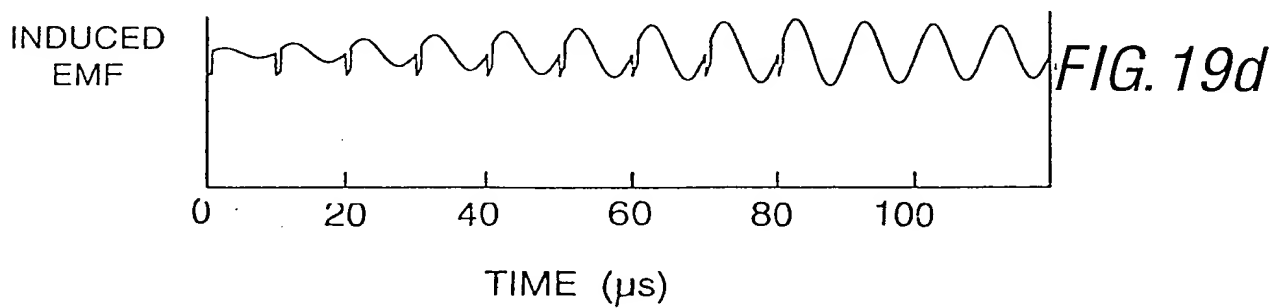
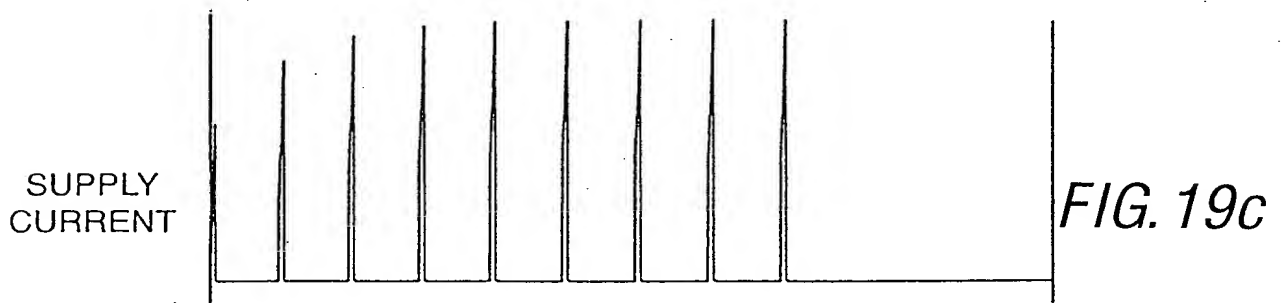
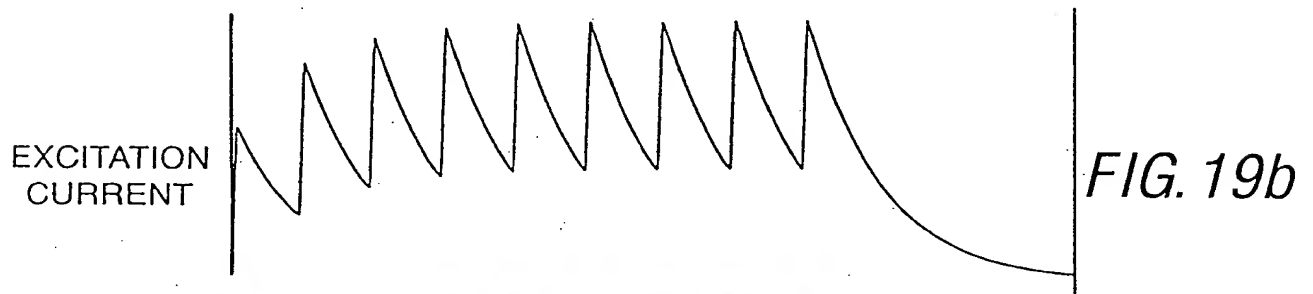
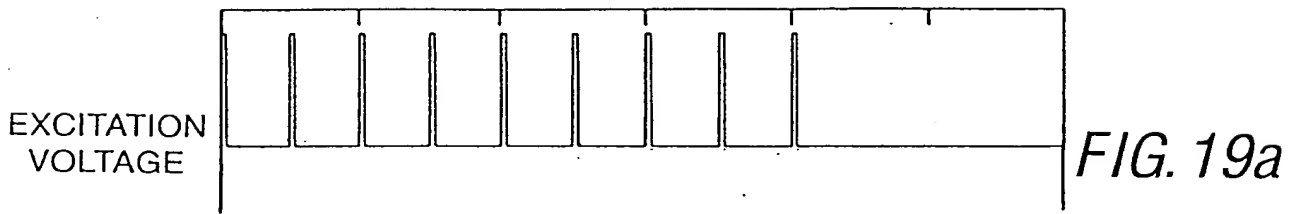




FIG. 20

